Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 01 Dec 2023 until 23:59 on Saturday 02 Dec 2023

Forecast Issued on Friday 01 Dec 2023 at 03:47

Confidence: High for cold weather continuing Friday and Saturday with light winds. Confidence falls considerably from Sunday due to uncertainty in the timing, development and track of a sequence of low pressure systems approaching from the southwest.

Headline for Friday 01 Dec 2023: Cold, dry and mostly sunny. Mainly light winds.

Mountain weather hazards on Friday 01 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Sunny	Sunny	Clear night	Clear night	Clear night
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Friday 01 Dec 2023

Weather: A frosty start, with any fog patches at low levels soon clearing, to a dry and largely sunny day. Perhaps the odd light snow shower reaching the far east. Clear and dry through the evening with frost and freezing fog patches returning to the valleys.

Chance of cloud-free hill tops above 600m: 75% at first, otherwise 95%

Low Cloud and visibility: Occasional cloud above 600m at first but soon clearing. Perhaps the odd patch returning with any very isolated snow shower, and visibility falling to just a few kilometres in the snow. Otherwise there will be good panoramic views of surrounding hills with generally excellent visibility, although early and late freezing fog patches reducing visibility to a few hundred metres at low levels.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Friday 01 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/12 NE	6/11 NE	5/7 NE	3/5 E	3/4 E	3/4 SE	5/7 S
300	6/15 NE	4/12 NE	4/7 NE	3/5 NE	2/3 NE	1/3 NE	1/4 SE
Valley	4/11 NE	4/10 NE	3/5 E	3/4 NE	3/4 E	3/5 E	2/4 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-7	-3/-6	-2/-5	-2/-4	-2/-4	-2/-4	-2/-6
300	-2/-6	-2/-4	1/-1	-0/-2	-3/-5	-3/-6	-4/-6
Valley	-2/-5	-1/-4	2/1	1/-1	-3/-5	-3/-5	-4/-6
Freezing Level*	00m	00m	200m	200m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A very cold day, with warm layers essential. Any snow patches on the highest route likely to be frozen, along with some paths and rocks. However for those appropriately equipped for the season, some excellent early winter conditions are likely.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 01 Dec 2023	0.4mm	0.4mm	0.6mm

Forecast for Saturday 02 Dec 2023

Weather: Dry and clear for much of the night, although some low level freezing fog patches likely. Any fog soon clearing to leave a bright day with almost unbroken sunshine, perhaps a little more cloud at times in the west.

Maximum wind: Southerly 10mph

Chance of cloud-free hill tops above 600m: Near 100% for most, falling to 80% in the west later.

Low Cloud and visibility: Any cloud likely above summits for much of the day, before a few patches moves into western hills to obscure some routes above 600m later in the afternoon. Otherwise very good to excellent visibility across the hills, but a few hundred metres in any early low level freezing fog patches.

Temperature: **Valleys:** Minus 7 Celsius at dawn rising to Plus 2 Celsius
At 600m: Minus 4 Celsius
Freezing level: At the surface, briefly 200m early afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.